

3/29/2018

Print



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tc
PO039320	ACI001-VC	6	1	Net 30	M2024T3S.032	2024-T3 .032 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209				48	3/21/2018	48		S056918	Stock	3/29/2018	\$ 4.78 / sf	0		\$2
		16			M303H0.500	303 Hex Bar .500 : MATERIAL: AISI 303 SS HEX BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft				36	3/27/2018	36		S056919	Stock	3/29/2018	\$ 9.82 / ft	0		\$3
Total:										84		84								\$45

Plex 3/29/2018 1:55 PM Dart.Dubois Pascal

3/15/2018

PURCHASE ORDER



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO039320

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO039320  
**PO Date:** 3/14/18  
**Due Date:** 3/21/18  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**Via:** Ground  
**Pynt Terms:** Net 30

**Freight Terms:**  
**Special Comments:** quote no. sou0092083 sou0091947

REVISED

E-MAILED

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304B0.625X3.000		304 Bar .625 X 3.00 MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$29.7275/ft	\$356.73
2	D6201P		T Extrusion 4X4X3/8	Firmed	3/21/18	20 ft	0 ft	20 ft	\$23.00/ft	\$460.00
3	MT-A513-T- 0.750W0.085		A513 Seamless Alloy Steel Round Tubing 0.75"dia. x 0.085" Wall	Firmed	3/21/18	40 ft	0 ft	40 ft	\$3.60/ft	\$144.00
4	M304S11GA		304/316 0.125 Sheet MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	3/21/18	64 sf	0 sf	64 sf	\$12.2298/sf	\$782.7
5	M304S18GA		304/316 .050 Sheet MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	3/21/18	128 sf	0 sf	128 sf	\$5.355/sf	\$685.4

**Line Item Note** as per dwg d6201 rev. a  
w/o no 174333

12'

MAR 21 2018  
MAR 21 2018

20'

MAR 21 2018  
MAR 21 2018

46'

MAR 21 2018  
MAR 21 2018

64

MAR 19 2018

128

MAR 19 2018

Plex 3/15/18 11:10 AM dart.lavoie.chantal

3/15/2018

## PURCHASE ORDER

		Items		Status		Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
Line Item	Part	Supplier Part No	Description								
6	M2024T3S 032		2024-T3 .032 Sheet MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209	Firmed	3/21/18		48 sf	0 sf	48 sf	\$4 780625/sf	\$229 47
								48		MAR 29 2018	DAS 11 9-89
7	M2024T3S 040		2024-T3 .040 Sheet MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209	Firmed	3/21/18		96 sf	0 sf	96 sf	\$5 601875/sf	\$537 78
								96		MAR 16 2018	DAS 11 9-89
8	MT-4140QT-R1.125		AISI 4140 Quenched & Tempered Steel Round Bar 1.125" Dia. AISI 4140 Q&T Round Bar MATERIAL: AISI 4130 QUENCHED & TEMPERED ROUND BAR AS PER ASTM 4140 QT OR ASTM 4142 QT	Firmed	3/21/18		20 ft	0 ft	20 ft	\$7 75/ft	\$155 00
								20		MAR 21 2018	DAS 11 9-89
9	M1018R0.313		1018-1025 Round Bar 313 MATERIAL: AISI 1018- 1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108 receive ft	Firmed	3/21/18		12 ft	0 ft	12 ft	\$0 2141666/ft	\$2 57
								12		MAR 19 2018	DAS 11 9-89
10	M6061T6B2.500X01.500		6061-T6 Bar 2.50 X 1.50 MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18		24 ft	0 ft	24 ft	\$14 36125/ft	\$344 67
								24		MAR 19 2018	DAS 11 9-89
11	M6061T6B1.000X5.000		6061T6 Bar 1.000 X 5.000 MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18		24 ft	0 ft	24 ft	\$19 7925/ft	\$475 02
								24		MAR 21 2018	DAS 11 9-89

Plex 3/15/18 11.10 AM dart.lavoie.chantal

3/15/2018

## PURCHASE ORDER

		Items		Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
Line Item	Part	Supplier Part No	Description							
12	M6061T6B1.250X03.000		6061T6 Bar 1.250 X 3.000 MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$14.361666/ft	\$172.34
						12'				
									MAR 19 2018	
13	M6061T6B1.000X02.000		6061-T6 Bar 1.00 X 2.00 MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	40 ft	0 ft	40 ft	\$7.46275/ft	\$298.51
						40'				
									MAR 19 2018	
14	M6061T6B1.000X06.000		6061T6 Bar 1.00 X 6.00 MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	24 ft	0 ft	24 ft	\$19.451666/ft	\$466.84
						24'				
									MAR 19 2018	
15	M304R0 375		304 Round Bar 0.375 MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	3/21/18	36 ft	0 ft	36 ft	\$1.188/ft	\$42.77
						36'				
									MAR 19 2018	
16	M303H0 500		303 Hex Bar .500 MATERIAL: AISI 303 SS HEX BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Firmed	3/27/18	36 ft	0 ft	36 ft	\$9.817777/ft	\$353.44
						36'				
									MAR 29 2018	
17	M303R0 625		303 Round Bar 0.625" MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$7.92666/ft	\$95.12
						12'				
									MAR 21 2018	

Plex 3/15/18 11:10 AM dart lavoie chantal

3/15/2018

PURCHASE ORDER

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
18	M6061T6R1.125		6061 Round Bar 1.125 MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$3 453333/ft	\$41 44
							12'		MAR 19 2018	DA 11 9-82
19	M6061T6R0.250		6061-T6 Round Bar 0.250" MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	20 ft	0 ft	20 ft	\$0 1565/ft	\$3 13
							20'		MAR 19 2018	DA 11 9-82
20	M6061T6R1.500		6061-T6 Round Bar 1.50 MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	20 ft	0 ft	20 ft	\$5 521/ft	\$110 42
							20'		MAR 19 2018	DA 11 9-82
21	M6061T6R2.000		6061T6 Round Bar 2.00 MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	20 ft	0 ft	20 ft	\$9 8135/ft	\$196 27
							20'		MAR 19 2018	DA 11 9-82
Grand Total:									\$5,953.6	

## Order Notes

CL

Plex 3/15/18 11:10 AM dari lavoie chantal

3/15/2018

PURCHASE ORDER

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 3/15/18 11:10 AM dart.lavoie.chantal



ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## DELIVERY - CLIENT

CO00078788

### Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page

1

Salesman

Carrier

Credit Terme

Net 30 Days

Processed by

Josianne Bourdon

Delivery date

2018/03/29

Your order N°

039320

Customer N°

CL10001056

Date

2018/03/15

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ALU SHEET .032 (20G) 2024-T3 (4 X 12) FEAL-0324122024 3093 1 X 4' X 12' HEAT: 223825B1 LINE 6 AC14382-SA-21/03	21.65	48.00	PI2_\$CLB		14		448				MAR 29 2018 DAS 11 9-89
2 HEXAGONE SS 1/2 SS303 RANDOM NS XSS-12303-V 8748 3 X 12' R/L HEAT: E70923 LINE 17 AC14381-JG-28/03	26.50	36.00	PI_\$CLB		34		36				MAR 29 2018 DAS 11 9-89

Total Weight (Lbs) : 48.15

NIR : R-109516-6

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Y M D

Total (\$CAD)

Customer's Signature

Date

CO. 78788

DART

P

**KAISER  
ALUMINUM**Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586**CERTIFIED TEST REPORT**Serial Number  
4468995

CUSTOMER PO NUMBER: C74354-6	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 103971/14	GOV'T CONTRACT NUMBER:	
KAISER ORDER NO: 1237228-6	SHIP DATE: 6-JUL-2017	ALLOY: 2024	CLAD: BARE	TEMPER: T3	PRODUCT DESCRIPTION: HT Flat Sheet
WEIGHT SHIPPED: 2316 LB	QUANTITY: 103 PCS EST.	TRUCK B/L #: 2067707	GUAGE: 0.0320 IN ( 0.8128 MM)	DIAMETER/WIDTH: 48.000 IN (1219.2 MM)	LENGTH: 144.000 IN (3657.6 MM)

MHU 2118353: LOT 223825B1: 103 pieces; 0349126

**Certified Specifications**✓ AMS 4037/RevQ  
CMMP 019/RevD✓ AMS-QQ-A-250/4/RevB  
✓ CMMP 025/RevV

✓ ASTM B 209/Rev14

Test Code: 1504

Lot: 223825B1

Cast 433

Drop 59

Test Results  
Ingot 1

Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	68.6 : 68.9 (473 : 475)	47.3 : 47.5 (326 : 328)	17.1 : 18.7

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.23	4.8	0.53	1.4	0.01	0.11	0.02	0.01	0.01	TOT 0.05

**ALLOY LIMITS**

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

EXPEDITE  
KEW 29 MAR 2018



Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4468995

### CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- \* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- \* All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- \* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- \* has been thermally processed in compliance with AMS 2772, where applicable.
- \* is mercury free, within the limits of detection of ASTM E1215 (< 1ppm).
- \* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- \* is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- \* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- \* is free of weld repair.
- \* meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER



23422 Rodaio Pavia (LC) - Via Giuseppe Roda 1 - Italy  
Tel. +390381878111 - Fax +390381478212  
Internet: www.rodacciai.com - e-mail: info@rodacciai.com

Azienda con sistema di gestione certificato da ISO  
secondo UNI EN ISO 9001:2008

The Company's Quality Management System  
is certified by ISO according to UNI EN ISO 9001:2008

**CERTIFICATO DI CONTROLLO** Inspection Certif N. 139649 Date 3/10/2017

Secondo According to . . . . . EN 10204:2004 3.1

**DESTINATARIO** - Cargo-Receiver

**CLIENTE** - Customer

RODA SPECIALTY STEEL, INC.

200 LEXINGTON DR  
60089 BUFFALO GROVE ILLINOIS

2 38 3 675

**ORDINE** - Order

N. 901908

Date 28/04/2017

**D.A.T.** - Delivery note

N. 07755/13 Date 28/06/2017

**Weight**

Lb

16050

**Cdp. Nr.**

2017/A/22201

**Bars Length** 12 - 12 ft.

**QUALITA'** - Grade

STANDARD Type

AISI 303

UNS S 30300

**Mark** RODACCIAI

303 PLUS

**COLATA** - Heat

E70923

**PROFILO** - Shape

HEXAGON

**DIMENSIONE** - Size

1/2"

**ESECUZIONE** - Form of delivery

COLD DRAWN

**ANALISI CHIMICA DI COLATA** - Cast analysis % by mass

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co
0,049	1,880	0,399	0,2950	0,033	17,160	8,680	0,480	0,560	0,230

N

0,0400

**CARATTERISTICHE MECCANICHE ALLO STATO DI FORNITURA**

Mechanical properties of the delivered material

Tested

Tensile Strength

Rm PSI

123966,4

Yield Strength

Rp(0,2) PSI

105987,6

Elongation

A 4 (%)

28,0

Hardness

HRW

262,0

Reduction of area

Z (%)

51,5

**NOTE** - Notes

Raw material melted in Outokumpu U.K

This product was manufactured in Italy

According to : AMS 5640V type 1 2016 ASTM A370 - 16

ASTM A 582/A582M-12e1 Cond. "A" Cold finished after (Annealed)

ASTM A484/A 484M 16

ASTM A314-15 ASTM A751-14a ASTM F899-12b EN 10088-3:2014

Pag. 1 / Segue

## Segue certificato di controllo Inspection Certificate's continuance

N. 139649 Date 3/10/2017

### NOTE - Notes

The material was produced by EF + A.O.D.  
No Weld Repair - Free of Mercury contamination  
Micro and Macro structure : Satisfactory ROHS Compliant  
100% crack tested by eddy current method: OK  
Heat treatment: annealed temperature 1950°F  
Soaking time: 4 Hours, Cooling in water  
Grain size by Test Method Z 112 = 5,5

Surface quality condition 2H conforming also to EN 10277 class 2

We certify hereby, that the above mentioned products are consistent with the order prescriptions.  
This certificate was generated by data system acc. to EN 10204, it is not necessary to be signed for validity.

Materiali conforme alle seguenti direttive/regolamenti europei:  
- 76/769/CEE e successive modifiche  
- 2000/33/CE, 2002/83/CE, 2002/85/CE, 2006/33/CE e 2008/112/CE  
relative al veicolo per uso (ELV)  
- 2002/117/CE, 2002/95/CE, 2006/67/CE, 2008/112/CE  
e 2011/65/UE (RoHS) Allegato XVII  
- 24 giugno 2013 e 2017/2005 - EU 848/2018, 2017-06-21  
e lista SRG aggiornata al 17/01/2017  
- Canadian list 156 aggiornata al 17/12/2015  
- Direttiva RoHS: 2002/95/CE - 2011/65/UE e successive modifiche  
Materiali conforme al Dodd-Frank Act relativo a minerali provenienti dalle zone dei conflitti.

Material conforming to the following European directives/regulations:  
- 76/769/EEC and following amendments  
- 2000/33/EC, 2002/83/EC, 2002/85/EC, 2006/33/EC and 2008/112/EC  
on end-of-life vehicles (ELV)  
- 2002/117/EC and 2002/95/EC  
- RoHS (EC 2002/95/EC - 2011/65/EC - EU 848/2018) enclosed XVII  
- 24 June 2013 - EU 2017/2005 - EU 848/2018, 2017-06-21  
and list SRG updated on 17/01/2017  
- Canadian list 156 updated on 17/12/2015  
- RoHS Directive: 2002/95/EC - 2011/65/EC and following amendments  
Material conforming to Dodd-Frank Act related to conflict minerals.



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303H0.500  
DATE: MAR 29 2018

PO / BATCH NO.: 039320/5056919

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 36'  
QUANTITY INSPECTED: 36'  
QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500  
THICKNESS RECEIVED: 0.500  
SHEET SIZE ORDERED: N/A  
SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Asm A582</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Heat # E70923</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>9-2 MAR 29 2018</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

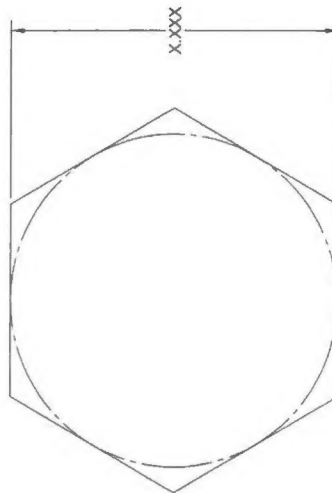
# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS HEX BAR  
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION: ASTM A582

PART NUMBER: M303H X.XXX  
HEX  
DIA.

WHERE "X.XXX" = INSCRIBED DIAMETER OF HEX BAR IN INCHES  
EG. 0.5" HEX BAR = M303H0.500



RELEASED  
2010-02-02  
MQR

B	REFORMAT DWG. ADD SPECS (ZN DB-1), REF PAR 08-020A	CP	10.01.05
A	NEW ISSUE	DS	02.04.30
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.05		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	M303H
TITLE	303 HEX BAR
SCALE	NTS
SHEET 1 OF 1	
REV. B	

Copyright © 1993 BY DART AEROSPACE LTD.  
THIS DOCUMENT IS UNCLASSIFIED AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024T35.032  
 DATE: MAR 29 2018

PO / BATCH NO.: 039320/5056918

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 48PIZ  
 QUANTITY INSPECTED: 48PIZ  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .032  
 THICKNESS RECEIVED: .032  
 SHEET SIZE ORDERED: 4X12  
 SHEET SIZE RECEIVED: 4X12

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	QQ-A-250/4
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	Heat # 223825B1
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u>	SIGNED OFF BY: _____	
DATE: <u>9-89 MAR 29 2018</u>	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

**SPECIFICATION CONTROL DRAWING**

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET  
SPECIFICATION: QQ-A-250/4 OR AMS-QQ-A-250/4  
OR AMS 4037  
OR ASTM B209

PART NUMBER: M2024T3S XXX THK

WHERE "XXX" = SHEET THICKNESS (IN INCHES)  
EG. 0.063" THICK SHEET = M2024T3S.063

PREFERRED SIZE: .XXX BY 4FT BY 10FT

RELEASED  
R 2009-03-23  
JNP

B	REFORMAT DWG. ADD ASTM B209 SPEC (ZN D8-1), PAR 09-020A	CP	09.07.07
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.07		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B
DRAWING NO.	M2024T3S	SHEET 1 OF 1
TITLE	2024-T3 SHEET SPEC	SCALE
DATE 09.07.07		NTS

COPYRIGHT © 2009 BY DART AEROSPACE LTD.  
THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED ONLY FOR THE PURPOSES FOR WHICH IT WAS ISSUED AND NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.